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117310APPLICATION NO.
10/669,728

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Kunio SAKURAI et al.FILING DATE
September 25, 2003GROUP
2891 1756

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>mc</i>	1	JP A 11-334265 w/abstract	12/07/1999	Japan		
<i>↓</i>	2	JP A 7-266723 w/abstract	10/17/1995	Japan		
<i>↓</i>	3	JP A 2001-92255 w/abstract	04/06/2001	Japan		
<i>↓</i>	4	JP A 10-86562 w/abstract	04/07/1998	Japan		
<i>mc</i>	5	JP A 7-89209 w/abstract	04/04/1995	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

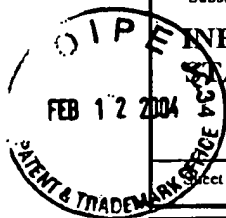
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DATE CONSIDERED

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Date: February 18, 2004



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/663,728 <i>25</i>
		Filing Date	September 17, 2003
		First Named Inventor	Junichi NAKAHO
		Art Unit	2872 1756
		Examiner Name	Not yet assigned
Sheet 1	of 1	Attorney Docket Number	740165-362

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>me</i>		US-4,973,141	11-27-1990	Baucke et al.	
<i>me</i>		US-6,074,066	06-13-2000	Macher et al.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)			
<i>me</i>		JP	61-239230	10-24-1986	Mori	Abstract
<i>me</i>		WO	93/21557	10-28-1993	Van Dine	Full

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>me</i>		EUROPEAN SEARCH REPORT DATED DECEMBER 5, 2003 EP 03 02 0708 <i>me</i>	

Examiner Signature <i>me</i>	Date Considered <i>5/05</i>
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